The Wobbly Oscillator

Cuyahoga Amateur Radio Society

March 2022 Volume 52 Number 3

Hams Who Serve

Kelly Dobek, KD8TWX Special Guest at March Meeting

From The Prez

Hamvention Bus

We are gearing up to roll en masse again to the Hamvention as a jolly group aboard a luxury liner motor coach. The Hamvention was cancelled the last two years disappointing the hell out of would-be attendees and making us chomp at the bit for this year's event.

We always need to make the bus feasible; not necessarily profitable, but at least close to a break-even venture. This year it may be tough with many folks concerned about COVID. So, let's team up make the bus happen. Anyone who is on the fence about going to the Hamvention - please jump that fence make plans to attend the world's greatest amateur radio event. People come from all over the world at great sacrifice and expense to get there, they shell out a small fortune for travel expenses, food, and lodging. For us, it's a few hours traveling and yucking it up with our friends for only fifty bucks, round trip. You read right - fifty dollars. We are holding the same price we've had for years to sweeten the deal.

We also need to spread the word to non-CARS members by going to other radio club meetings and participating in other nets. Please help so we can make the Hamvention bus a reality.

A little trivia and an explanation. Although the Hamvention is now held at the Greene County Fairgrounds in Xenia (pronounced Zeenya), many still refer to the event as "Dayton." Although Xenia is a little over 20 miles from Dayton, some object to calling the Hamvention "Dayton." If you need to get all that picky, the Hamvention used to be held at the Hara Arena in Trotwood, Ohio.

We Need Another Net Controller- One More Plea

Hopefully, the third time charm theory holds true as we desperately search for at least one more Net Controller. Please, someone step up.

We will give anyone who tries plenty of support. We have an excellent track record, in that every station that has become a NCS has done well and stuck with it for a good long while. If you try a net or two and feel uncomfortable, there's no harm in backing out. Please contact me if you are interested and we'll get you started.

73, Toby, WT8O

CARS February 2022 Meeting Minutes

LOCATION---Due to increased COVID cases, the meeting was held via Zoom.

CALLED TO ORDER---The meeting was called to order by President Toby Kolman, WT8O, at 7:30 PM.

PLEDGE OF ALLEGIANCE---Those present pledged allegiance to the flag of the United States of America.

INTRODUCTIONS---Those present introduced themselves.

JANUARY MINUTES---The January minutes were approved as distributed to the Club via email.

TREASURER'S REPORT---Bob Check, W8GC, reported on the club's current financial situation. No issues or concerns were identified. 19 members have not paid their 2022 dues. This is good for this time of year.

PRESIDENT'S REPORT---Toby Kolman, WT8O,

- Requested a moment of silence for SKs Larry, N8OWS, and Jim, N8FND
- Announced that Ron, K8RJH, is Ham of the Year
- Announced that Mark, WJ8WM, is the new Board Chairman
- Reported that a bus for Hamvention was discussed during the Board meeting earlier this month and polled the Club to gauge interest. Eight to ten members expressed interest. Toby will also discuss with the Medina Radio Club later this week. The bus will be available to anyone, regardless of Club membership. Scott, AC8NW, will provide an update on bus availability later this week.
- Thanked all officers and committee chairs for their contributions.

The February Zoom meeting.

VICE PRESIDENT'S REPORT---Ron Hollas, K8RJH, reported that

- Bob Winston, W2THU, will present today as the ARRL Ohio State Government Liaison
- The Prepping for Public Service presentation from last month is posted on N8ESG website (https://n8esg.org/wp-content/uploads/sites/20/2022/01/Preparing-for-Public-Service-K8RJH.pdf). CARS will have one or two public service events, not including Field Day
- ARRL training website (https://learn.arrl.org/login), which became available in November, is expanding. The Podcasts are particularly interesting.

SECRETARY'S REPORT---Matt Perlman, KE8OZU, had nothing to report.

PUBLIC SERVICE---Arp, K8ARP, reported that according to the N8ESG website (https://n8esg.org/), the next event is the Cleveland Marathon in May.

VE UPDATE---Metro, W8MET, reported that the last session had two new Technicians, two General, two Amateur Extra and two renewals. The next CARS VE Session will be on Sunday, March 13, 2022, 9:15 AM at the Old Rec Center in Independence.

PROGRAM COMMITTEE---Joe, KD8BAL

- Today's program will be presented by Bob Winston, W2THU
- March's program is tentatively scheduled for Kelly Dobeck, KD8TWX, to talk about weather
- April's program is tentatively schedule for Mike Dobeck, K8CKC, to talk about the Secret Service
- Please send ideas for programs to Joe

TECH COMMITTEE---Toby, WT8O, reported that he would submit the repeater paperwork soon. Scott, AC8NW, reported that EchoLink is back up on the repeater. The Club is working on a third remote input for the repeater on the west side / Parma area. The Club is considering WiresX capability for the repeater. This would improve emergency communication with Ohio ARES. The Board has approved the expense for WiresX.

REFRESHMENTS---Toby, WT8O, thanked Ron, K8RJH, for providing soft drinks, and Shawn, KE8MRV, for providing coffee for in person meetings.

Next CARS Meeting

Tuesday, March 8th - 7:30 PM

Special Guest

Kelly Dobek, KD8TWX

Kelly will talk about Tornado genesis and about her storm chasing experience.

Zoom Meeting

Meeting ID: 820 1098 4949
Passcode: 045592

See Website for Details - www.2cars.org

NEW BUSINESS---Toby reported that

- Rich, N8WX, did not renew his membership and the Club needs a new doughnut person. Anyone interested should let Andy, KD8SCV, know.
- The Club needs a new Net Control Station. The Club recently lost two Net Control Stations and currently has four. Anyone interested should let Toby, WT8O, know. Anyone unsure is encouraged to try before committing.

NEXT MEETING---The next meeting of The Cuyahoga Amateur Radio Society will be on March 8, 2022. The meeting is tentatively scheduled at the Busch Funeral Home on Ridge Road in Parma, Ohio. A determination of in person and / or via Zoom will be made prior to the meeting.

50/50 DRAWING---There was no 50/50 drawing because the meeting was conducted via Zoom.

ADJOURNMENT---The meeting was adjourned at 7:52 PM.

After the meeting, Bob Winston, W2THU, spoke about how the ARRL is working with the Ohio state government.

Submitted by Matt Perlman, KE8OZU

March Net Sked

MAR	2	K8RJH
MAR	9	KD8ACO
MAR	16	AC8NW
MAR	23	WT8O
MAR	30	K8RJH

Nets are run every Wednesday at 9:00 PM on:

146.820 (PL 110.9)

443.825(+) PL Tone 131.8
Digital Yaesu Fusion
Linked to the 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

Field Day 2022
Bob, K8RGJ

Field Day this year is the weekend of June 25th and 26th. We will be setting up at Calvin Park in Seven Hills. The plans right now are for a five-station operation, two SSB stations, two digital stations and one CW station. The station captains are Scott Smith, AC8NW, for one SSB station and Mark Moro, WJ8WM for the other SSB station. Richard Robbins, WA8RR, is the captain for the two digital stations and David Korow, AC8TN, is the captain for the CW station. If you want to be part of the planning and station setup, contact the individual captains. Their phone numbers are on the CARS membership list which is available at www.2cars.org.

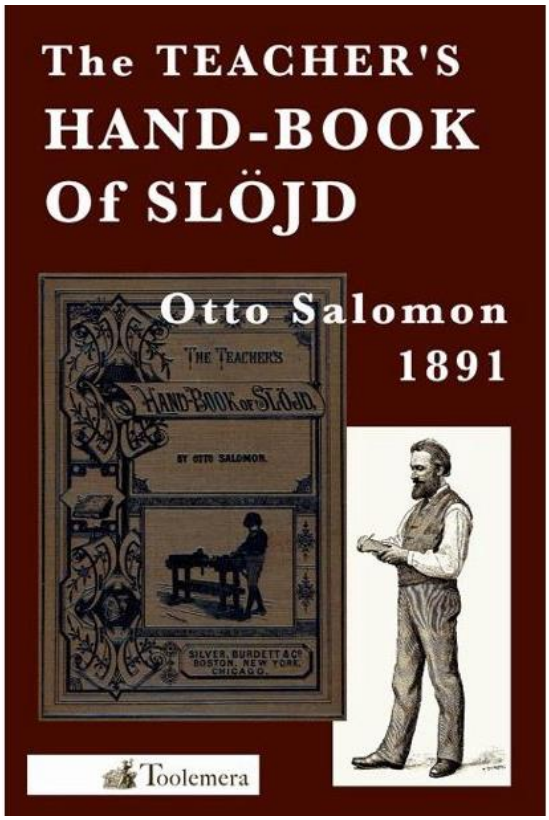
There are two rule changes this year. The first is a 100 Watt power limit for all stations. This should even the playing field. The second is the addition of Class D home stations. These stations can work any other station for QSO credit. They can also aggregate their scores with the club's score. A complete set of rules can be found at www.arrl.org/field-day-rules.

Why do we enjoy Ham Radio so much?

Ron, K8RJH

I have pondered this question several times over the years. I have been looking for, and now believe, there is identified a credible reason most Hams may consider to provide an honest answer for this basic question. It identifies how our interest, enthusiasm to peruse understanding, and desire effective results within a technical art. It is known and been published as “Radio Sloyd”.

The word “sloyd” derives from the Swedish “Sloyd,” meaning “handy.” Educational Sloyd, beginning mid-19th century Finland, is a system of general education that initially centered on woodworking. The term is from Finnish word “slojd” meaning craft or manual skill. Finnish educator, Uno Cignaeus, originated the program, which spread to Sweden, the UK, and then to the United States in the early 1900’s. The intent was to “craft” education to systematically teach mental, physical, and moral development.



A system of elementary education was based on paper model building. Today, Sloyd continues as a compulsory educational program in Sweden, with educational goals including personal management, ability to create and to use materials, and cultural and aesthetic expression.

Educational Sloyd was a response that improved a teaching style involving a lecturing teacher at the front of a classroom and perhaps not very much more. “French philosopher Jean Jacques Rousseau said, ‘the great secret to enhance learning is to combine mental and physical work so that one kind of exercise refreshes the other.’

Here is an example on how “Radio Sloyd” extends beyond normal book learning and applies to many of us enjoying Ham Radio. Consider a Field Day event. We will need to address at least some of the following challenges beyond just being a licensed amateur operator;

Electronics: The radio isn’t working right. How do we fix it?
Electromagnetics: What kind of antennas do we use? Where do they go?
Process Engineering: How do we pack and unpack our equipment? How are they moved?
Management: What are our objectives? What is the operating schedule? How to we count the score?
Marketing: How do we advertise the event? What do we do get interested Hams to join us?
Archery: What is the best way to place the wire antenna between the trees?
Woodworking: How are we going to get the antenna down?

A practical example of the Radio Sloyd use is the design and introduction of the Atwater Kent Model 35 radio receiver. It features single tuning dial for simplified operation, a sleek polished wood case, and improved sound speaker (not shown in photo). It was a popular radio during the 1920’s in many homes. The single dial was “handy” to tune stations making it very easy to use.

For a successful Field Day, these skills may be very important to have, even though our focus is technically operating the Ham radio equipment. It is through this kind of practice that we cultivate our capabilities as both radio operators and problem solvers. To excel at either requires matters both technical and otherwise. That would be to break problems down into manageable parts, and to build on existing systems and creativity. This results with our enjoyment being Ham operators while learning new expertise.

To be in a word, handy.

Note: Additional information, including IEEE, STEM White papers on “Radio Sloyd”, is available on http://www.academia.edu and using common internet search tools.

Norman Rockwell, the artist, has placed his Atwater Kent One Dial Receiver in his studio

The Atwater Kent Model 35 radio receiver (with speaker) shown in this photo of Norman Rockwell’s studio. Note the detail of the room furnishings along with one of his paintings. Many elements of “Radio Sloyd” are on display in this illustration.

Cuyahoga Amateur Radio Society
2021 Audit Committee Report
Ron, K8RJH

This year's Audit Committee met virtually earlier this month on a Zoom meeting for the purpose of reviewing and preparing the annual CARS 2021 Financial Audit report. The committee members, President Toby Kolman, WT8O; Committee member Mark Moro, WJ8WM, and myself received in advance mailed copies of the financial statements from our club Treasurer Bob Check, W8GC.

Upon review, the members provided their comments and on February 21, 2022 we concluded all was in order with the report of the CARS club finances. Our financial number results were slightly down from last year. The committee was pleased to see that many members renewed their ARRL dues through the club.

The Cuyahoga Amateur Radio Society is financially strong. However, good stewardship is not a replacement for income and fundraising. As previously stressed, we need to find additional income streams to fund activities and programs desired by the members. This is not just a function of the executive board. All suggestions are welcome.

A cornerstone of CARS is education. The scholarship fund is strong, and I would encourage members to submit an application to utilize this opportunity this year. Remember, grandchildren are eligible for this $750.00 education scholarship.

We all owe Bob a Thank-you for his dedication and care of the CARS finances!

This report submitted by Ron Hollas, K8RJH, Chairman Audit Committee.

The Wobbly Oscillator is a publication of the Cuyahoga Amateur Radio Society, P.O. Box 31264, Independence, Ohio, 44131-0264. Articles from this publication may be reprinted in any ham radio publication, provided that credit is given to this publication and the author, if known. All submissions should be emailed to: wt8o@att.net by the end of the month for publication in the next month's issue.

Sign Up for the Cars Scholarship
Toby, WT8O

Candidates wishing to win one of the two annually awarded CARS scholarships are encouraged to begin the process by downloading and reviewing the application which needs to be submitted by May 31st, 2022. Each of the scholarships are valued at $750.00

CARS can take pride that our club is one of the few amateur radio clubs that award such generous scholarships to students. We are extremely proud of the success our previous recipients have attained in their various careers.

The application is available on the CARS website in the Member Information section

VE Session

The next VE testing session will be held Sunday, March 13th, at **9:15 AM*** at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net

As always, walk-ins are welcome.

***Please note time change to 9:15 AM.**

At the first licensing class of 2022 Toby, WT8O, briefs the Technician and General class students on what their classes will include and the best approach for passing the exams.

CARS Repeaters

146.820 (-) PL Tone 110.9

Analog Repeater

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

Allstar Node 47067

EchoLink Node 343470 (K8ZFR-R)

****

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.820 Repeater

Brecksville

****

444.75 (+) PL Tone 131.8

Analog Repeater

Not Linked to Other Repeaters

Shaker Hts.

Fund Raiser
Toby, WT8O

The idea of a fund-raising activity came up at the yearly CARS financial audit. Dues alone do not support the club. We bring in funds from the 50/50 and the licensing classes, but both those sources of revenue have been way down the past couple of years since we have had fewer in-person meetings and no classes. The expenditures continue, and unfortunately increase.

In the words of Harry Callahan, "I know what you're thinking." We have a substantial treasury, why not just spend what we have. We do. We pay for the picnic. We pay for Field Day. We pay the service fee for the internet at the repeater. We pay for refreshments at the meetings. We just appropriated funds for the Wires-X equipment that will further enhance our repeater. We pay insurance. We foot the bill for the extras at the Christmas party and pay for the awards and prizes. It's a good chance we will have to partially subsidize the Hamvention bus this year. The list goes on, but the point is our treasury is decreasing and without additional revenue, substantial would become meager quicker than most members realize.

In the past, we have hosted hamfests, held raffles with significant prizes, and participated in the "Taste of Seven Hills' event. Some worked well, some had mediocre results, and some flopped. At least we tried. Unfortunately, when we did the participation was disappointing. We haven't tried in several years, but the audit committee unanimously agreed we must try again.

My request to you, the CARS members, is simple. Come up with an idea. No work involved; just tickle you brain a bit. We will discuss the subject at future meetings. In the meantime, if the lightbulb above your head goes off, contact me with your thoughts. Call me, email me, text me, or whatever. As always, a note tied to a rock thrown through my front window is always acceptable.

NASA Report
Bob, KC8MRC

The information in last month's report has been updated. After further investigation, NASA and NORAD determined the object that is expected to hit the moon in early March is the upper stage of a Chinese rocket that put a probe into orbit around the moon, contrary to an earlier report the object was a SPACEX Falcon 9 upper rocket stage.

Joel, K8SHB, gets his Extra class started preparing his students Bob, KC8MRC, and John, KE8MAI, for the difficult course.

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME, SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG, SK
Elected 5/14/19

Ed Stevens, WB8ROK, SK
Elected 8/10/21

CARS 2022 Officers & Committees

Audit
K8RJH ** WT8O, WJ8WM

Audio/Video
AC8NW **

ARRL Liaison
K8RJH **

Awards
W8GC ** WT8O

Christmas party & Summer Picnic
WJ8WM **, K8ARP, KD8FTU, KD8FTV

Field Day
K8RGI **, WT8O, K8ARP, KD8SCV, AC8NW, AC8TN, WT8O, K8RJH, N8BBB food

50/50
KD8SCV

Hamvention Bus
KD8FTS **

License classes
KD8ACO **, WT8O, K8SHB

Media Representative
KD8SCV

Membership
WT8O ** W8GC

NET
WT8O **

Newsletter
WT8O ** 440-525-6109
wt8o@att.net

Programs at Meetings
KD8BAL ** KD8FTS, KE8OZU

Property Custodian's
KB8DTC records, W8GC equipment

Public Services
KD8FTS **, K8ARP

QSL Manager - W8HBI, W8BM
WB8N **

Refreshments at Meetings & Picnic
K8RJH ** pop, NW8X ** Donuts, KE8RMV *** Coffee

Scholarship
W8GC ** K8RGI, KE8OZU, WT8O, K8RJH

Sunshine (welfare)
Andy, KD8SCV ** 440-886-0723

Technical
AC8NW ** N8OVW, WJ8WM, KD8ACO, K8RJH, KB8DTC

VE Exams
Metro, W8MET ** 216-520-1320

Web Master/e-mail
W8GC **

** chairman or co-chairman

2022 Officers

PRESIDENT
Toby Kolman WT8O 440-525-6109
wt8o@att.net

VICE-PRESIDENT
Ron Hollas, K8RJH, 216-379-7440

SECRETARY
Matt Perlman, KE8OZU, 216-337-1540
Alternate Secretary:

TREASURER:
Bob Check W8GC 216-524-1750
Alternate Treasurer: Bob Robbins, K8RGI

Board Members & License Trustees

Board Chairman:
Mark Moro WJ8WM 216-661-0342

even year executive board 2 year term
AC8NW, KB8DTC, WJ8WM

odd year executive board 2 year term
K8RGI, K8ARP, KD8FTS

License trustee
K8ZFR
WT8O

License trustee
W8HBI, W8BM,
W8GC

February 5, 2022